



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/647,445	08/26/2003	Kil-soo Jung	1101.0166	1650
86980      7590      07/02/2010 North Star Intellectual Property Law, PC P.O. Box 34688 Washington, DC 20043				
EXAMINER				
CHIO, TAT CHH				
ART UNIT		PAPER NUMBER		
2621				
MAIL DATE		DELIVERY MODE		
07/02/2010		PAPER		

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

## **DETAILED ACTION**

### ***Response to Arguments***

1. Applicant's arguments filed 6/14/2010 have been fully considered but they are not persuasive.

Applicant argues that the combination of Lamkin and Otsuka does not explicitly teach the markup document comprises first event information that, when read by an ENAV engine, causes the ENAV engine to inform, by default, an AV playback engine, which plays back the AV data, of an occurrence of a key input event corresponding to a user action.

In response, the examiner respectfully disagrees. Lamkin teaches that if no video is being played, pressing of the play button (key input event), loads a special page VIDPLAY.HTM (first event information written in the markup document) if it is present in the /COMMON directory of an inserted disk ROM. Furthermore, A.3.20 in column 103 further clarifies that the first event information is written in the markup document since A.3.20 shows that RC Button Event.

Applicant argues that the combination of Lamkin and Otsuka does not explicitly teach second event information that, when read by the ENAV engine, causes the ENAV engine to prohibit informing the AV playback engine, which decodes the AV data, of the occurrence of the key input event.

In response, the examiner respectfully disagrees. Lamkin teaches that the navigation buttons, up, left, right, and down, in one embodiment, do not work for DVD

navigation unless video is playing a full-screen mode. The examiner deems that "when video is not playing a full-screen mode" is a second event. Therefore, when the video is not playing a full-screen mode (second event), the navigation buttons do not work and therefore, the key input event will not be informed to the AV playback engine by the ENAV engine based on the second event.

Applicant argues that the combination of Lamkin and Otsuka does not explicitly teach the first event information and the second event information are read by the ENAV engine when the AV data is reproduced in the interactive mode comprising the full mode and the embedded mode.

In response, the examiner respectfully disagrees. Otsuka teaches in Fig. 3 that the HTML file specified in the startup is read. After the HTML file is read, it is determined whether the force mode is enforced. Next, the interactive mode or the video mode is selected. If the interactive mode is selected, the video will be displayed along with a menu as shown in Fig. 2(B). If the video mode is selected, the video will be displayed in full screen as shown in Fig. 2(A).

### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to TAT CHIO whose telephone number is (571)272-9563. The examiner can normally be reached on Monday - Thursday 9:00 AM-5:00 PM EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Thai Q. Tran can be reached on 571-272-7382. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/T. C. C./  
Examiner, Art Unit 2621

/Thai Tran/  
Supervisory Patent Examiner, Art Unit 2621